

Auto Categorization

The Auto Categorization tool eliminates the time-consuming task of comment classification or categorization. Unlike traditional search engines, the Auto Categorization tool can automatically populate categories of documents based on the key concept of the documents.

Accessing Auto Categorization

The Auto Categorization tool is run on the Federal Register (FR) Document or the OTHER type of Document receiving comments.

(A) Locate and select the FR Document ID (not shown here).

- ❖ The document Details tab is displayed by default.

(B) From the Document Details or the Optional Details tab, click the Actions Dropdown Menu and select Run Auto Categorization. There must be at least 20 comments to run Auto Categorization.

- ❖ If the Auto Categorization action has already been run on the FR, the Actions Dropdown Menu will show Re-Run Auto Categorization and/or View Auto Categorization option depending on the user role.

Note: The Assigned Docket Manager or an Agency Administrator is able to Run/Re-Run the Auto Categorization. All other FDMS Users roles are only able to View Auto Categorization Results.

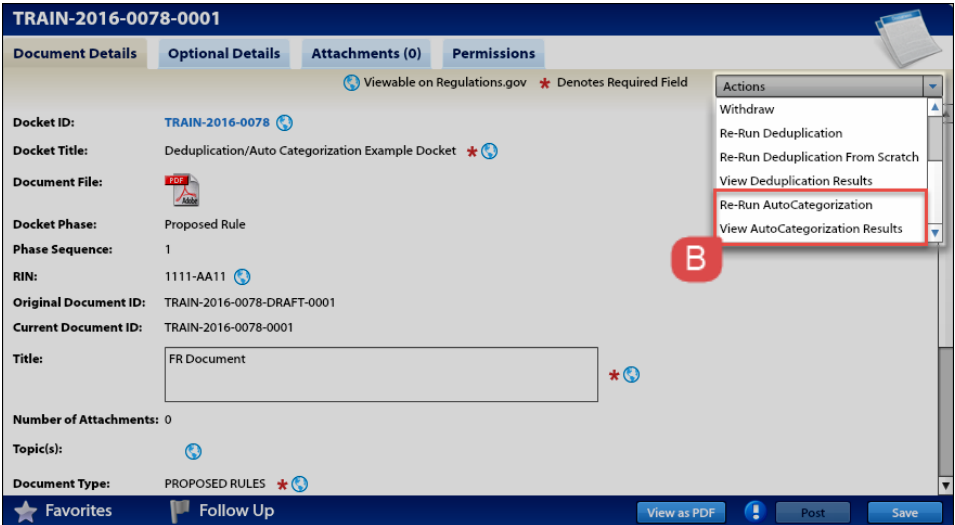


Figure 1: Accessing Auto Categorization

Auto Categorization Results

The Auto Categorization Results are displayed in a split screen. On the left is the Auto Categorization Tree and on the right is the Content View showing the Auto Categorization Details with a pie chart.

(A) Each Category Folder is identified by three Key Concept Words.

- ❖ An Unclustered folder will be displayed for documents that do not match any of the Key Concept Words (not shown here).

(B) The number in parenthesis indicates how many documents are in that category.

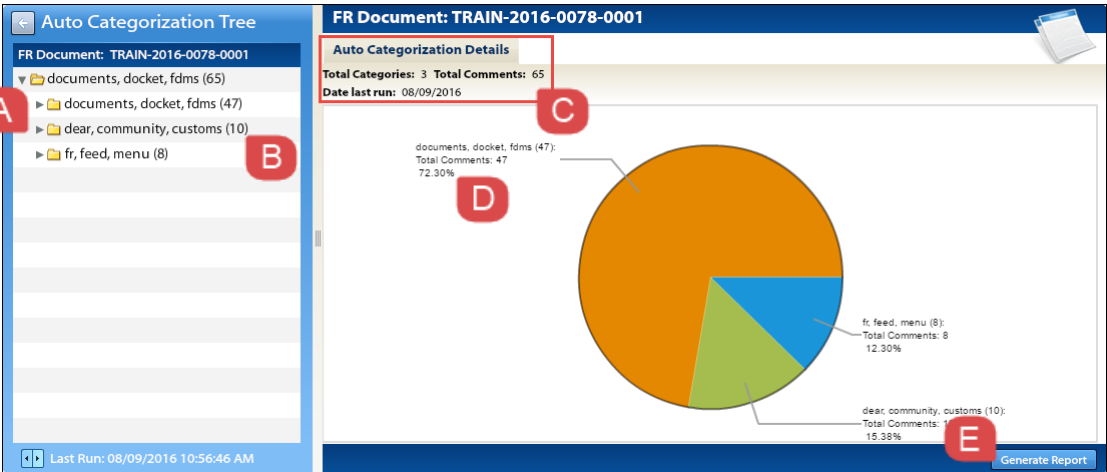


Figure 2: Auto Categorization Results

Note: The category folder further contains Document status sub-folders as shown in Figure 3 (see next page).

Auto Categorization Results Continued ...


(C) The **Auto Categorization Details** displays information such as the number of **Total Categories**, number of **Total Comments** analyzed and the date the Auto Categorization was run.

(D) The color coded Pie Chart displays the percentage of each Category.

(E) Click the **Generate Report** button and enter the email of the recipient to generate a report and send/receive the report via email.

Note: It may take up to 24 hours for the Auto Categorization process to be complete and the results to be received.

Reviewing Auto Categorization Results

(A) Expand the category folder by clicking on the  icon in Auto Categorization Tree.

❖ Document status sub-folders appear.

(B) Click a Document ID in the Document status sub-folder to view the Auto Categorization analysis on the right. (C) The percentage indicates the concept score of the comment.

❖ Click a Document ID to display the details in the content view.

(D) The **Blue** text in the comment indicates the details in the content view.

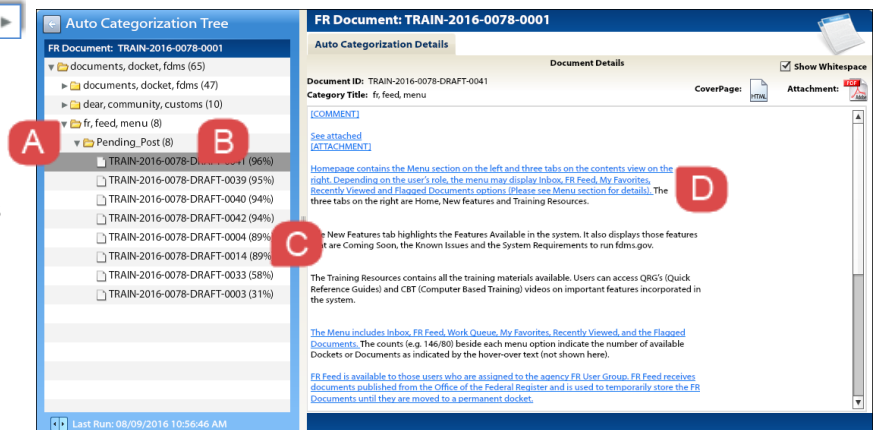


Figure 3: Auto Categorization Details

Auto Categorization Report

From the Auto Categorization Results screen:

❖ Click the **Generate Report** button as shown in **Figure 2**

❖ Enter the email address of the person who will receive the report (not shown here).

Note: The report may arrive within the next 15 minutes, however it could take up to 24 hours depending on the volume of reports being requested at that time.

(A) The Category name is the three key concept terms that identify the Category.

(B) Click the Category to open the category in an accordion format to reveal the individual documents.

(C) The Document ID is displayed.

(D) The Concept Score shows the strength of the match of the comment to the category concept.

	A	B	C	D	E	F	G	H	I
1	Total	Category Name	Document ID	Original Document ID	Page Count	Concept Score	Dedup Type	Duplicate of	Duplicate Similarity
49	47	documents, docket, fdms							
60	10	dear, community, customs							
61		fr, feed, menu	TRAIN-2016-0078-DRAFT-0003	TRAIN-2016-0078-DRAFT-0003	1	31.5%	Unique		
62		fr, feed, menu	TRAIN-2016-0078-DRAFT-0004	TRAIN-2016-0078-DRAFT-0004	1	89.37%	Pivot		
63		fr, feed, menu	TRAIN-2016-0078-DRAFT-0014	TRAIN-2016-0078-DRAFT-0014	1	89.37%	Near Duplicate	TRAIN-2016-0078-DRAFT-0014	100
64		fr, feed, menu	TRAIN-2016-0078-DRAFT-0033	TRAIN-2016-0078-DRAFT-0033	1	58.45%	Unique		
65		fr, feed, menu	TRAIN-2016-0078-DRAFT-0039	TRAIN-2016-0078-DRAFT-0039	1	95.59%	Near Duplicate	TRAIN-2016-0078-DRAFT-0039	92
66		fr, feed, menu	TRAIN-2016-0078-DRAFT-0040	TRAIN-2016-0078-DRAFT-0040	1	94.18%	Pivot		
67		fr, feed, menu	TRAIN-2016-0078-DRAFT-0041	TRAIN-2016-0078-DRAFT-0041	1	96.12%	Near Duplicate	TRAIN-2016-0078-DRAFT-0041	90
68		fr, feed, menu	TRAIN-2016-0078-DRAFT-0042	TRAIN-2016-0078-DRAFT-0042	1	94.3%	Near Duplicate	TRAIN-2016-0078-DRAFT-0042	83
69	8	fr, feed, menu							
70									

Figure 4: Auto Categorization Report